

## EXPLANATION OF REFERENCE

100: integrated circuit, 101: light-receiving element, 102: light-emitting element, 103: antenna, 104: substrate, 105: cover material, 110: rectification circuit, 111: power supply  
5 circuit, 112: demodulation circuit, 113: logic circuit, 114: memory, 115: memory control circuit, 116: amplifier, 117: amplifier, 201: card body, 202: pixel portion, 203: light-receiving element, 204: light-emitting element, 205: substrate, 206: integrated circuit, 207: display device, 208: antenna, 210: rectification circuit, 211: power supply circuit, 212: demodulation circuit, 213: logic circuit, 214: memory, 215: memory  
10 control circuit, 216: amplifier, 217: amplifier, 218: control circuit, 219: signal line driver circuit, 220: scanning line driver circuit, 301: battery, 303: solar battery, 401: integrated circuit, 402: antenna, 403: substrate, 404: adhesive agent, 405: cover material, 406: adhesive agent, 407: IC card, 500: substrate, 501: separation layer, 502: base film, 503: semiconductor film, 504: semiconductor film, 505: semiconductor film, 508: gate  
15 insulating film, 509: gate electrode, 510: gate electrode, 513: resist, 514: resist, 515: low concentration impurity region, 518: resist, 519: high concentration impurity region, 520: insulating film, 521: sidewall, 525: resist, 526: high concentration impurity region, 527: high concentration impurity region, 528: high concentration impurity region, 529: n-channel TFT, 530: p-channel TFT, 531: n-channel TFT, 532: n-channel TFT, 533: interlayer insulating film, 534: interlayer insulating film, 535: wiring, 536: wiring, 538: wiring, 540: wiring, 541: wiring, 542: protective layer, 543: groove, 544: adhesive agent, 545: substrate, 546: bank, 547: electroluminescent layer, 548: electrode, 549: light-emitting element, 550: antenna, 551: adhesive agent, 552: cover material, 601: groove, 602: integrated circuit, 603: substrate, 604: separation layer, 605: broken line,  
20 701: n-channel TFT, 702: p-channel TFT, 703: impurity region, 704: channel formation region, 705: semiconductor film, 706: gate insulating film, 707: gate electrode, 707a: conductive film, 708: sidewall, 709: sidewall, 710: LDD (Lightly Doped Drain) region, 711: semiconductor film, 712: impurity region, 713: channel formation region, 721: n-channel TFT, 722: p-channel TFT, 728: sidewall, 741: n-channel TFT, 742: p-channel  
30 TFT, 743: impurity region, 744: channel formation region, 745: semiconductor film,

746: gate insulating film, 747: gate electrode, 748: protective film, 750: LDD (Lightly Doped Drain) region, 751: semiconductor film, 752: impurity region, 753: channel formation region, 1200: bank, 1201: wiring, 1202: wiring, 1203: terminal, 1204: electroluminescent layer, 1205: electrode, 1206: light-emitting element, 1207: adhesive agent, 1208: cover material, 1209: antenna, 1210: substrate, 1211: semiconductor element, 1215: base film, 1301: check, 1302: ID chip, 1303: ID chip, 1304: passport, 1305: ID chip, 1306: gift certificate, 1307: ID chip, 1308: packing material, 1309: boxed meal, 1310: label, 1311: ID chip, 1312: product, 1401: TFT, 1402: semiconductor film, 1403: gate insulating film, 1404: gate electrode, 1405: interlayer insulating film, 1406: interlayer insulating film, 1407: wiring, 1408: antenna, 1409: light-emitting element, 1411: TFT, 1412: semiconductor film, 1413: gate insulating film, 1414: gate electrode, 1418: antenna, 1419: light-emitting element, 1500: photodiode, 1501: interlayer insulating film, 1502: TFT, 1503: interlayer insulating film, 1504: cathode, 1505: photoelectric conversion layer, 1506: anode, 1510: substrate, 1511: photodiode, 1512: light-emitting element, 1513: shielding film, 6001: TFT, 6002: interlayer insulating film, 6003: light-emitting element, 6004: electrode, 6005: electroluminescent layer, 6006: electrode, 6007: interlayer insulating film, 6008: bank, 6009: wiring, 6011: TFT, 6013: light-emitting element, 6014: electrode, 6015: electroluminescent layer, 6016: electrode, 6021: TFT, 6023: light-emitting element, 6024: electrode, 6025: electroluminescent layer, 6026: electrode, 6029: wiring, 6031: TFT, 6033: light-emitting element, 6034: electrode, 6035: electroluminescent layer, 6036: electrode, 6039: wiring, 6041: TFT, 6043: light-emitting element, 6044: electrode, 6045: electroluminescent layer, 6046: electrode, 6051: TFT, 6053: light-emitting element, 6054: electrode, 6055: electroluminescent layer, 6056: electrode, 6059: wiring

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/003804

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int.Cl. <sup>7</sup> G06K19/077, 19/07, H01L27/14, 27/15  According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) Int.Cl. <sup>7</sup> G06K19/077, 19/07, H01L27/14, 27/15  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2005 Registered utility model specifications of Japan 1996-2005 Published registered utility model applications of Japan 1994-2005  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 01-502140 A (Froelich; Ronald W.) 1989.07.27 see the whole document & WO 1988/004453 A1 & US 4829166 A1	1 - 16
Y	JP 2001-155134 A (Seiko Epson Corporation) 2001.06.08, lines 3 to 5, column 5, line 27, column 6 to line 1, column 7, figs. 4(A) and 4(B) (Family: none)	1 - 16
Y	JP 2002-231909 A (Canon Inc.) 2002.08.16, paragraphs [0017] - [0025], [0034], [0035], figs. 4 & EP 1229582 A2 & US 2002/0100941 A1	1 - 16
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search 31.05.2005		Date of mailing of the international search report 14.6.2005
Name and mailing address of the ISA/JP <b>Japan Patent Office</b> 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Authorized officer <b>Hiroshi MAEDA</b> Telephone No. +81-3-3581-1101 Ext. 3586

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 11-020360 A (Seiko Epson Corporation) 1999.01.26, paragraphs [0064], [0104] - [0116], figs. 20 - 22 (Family: none)	1 - 16
Y	JP 2001-257292 A (Hitachi Maxell LTD.) 2001.09.21, see the whole document (Family: none)	3 - 16
Y	JP 2002-083894 A (Hitachi Maxell LTD.) 2002.03.22, see the whole document & WO 2001/099193 A1 & US 2003/0116790 A1	3 - 16